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XBR-55X900A

Sony® 4K Ultra High Definition TV

Enhance the quality of everything you watch with a picture that's four times clearer than regular HD[1], plus more depth and shades of color than you've ever seen on a TV before. Add in 65 watts[3] of powerful, cinematic sound plus Wi-Fi® connectivity and it's the highest resolution, most immersive experience we've ever created. See the world in 4K Ultra HD and never look back.

Bullets

- 4K Ultra HD – four times the clarity of Full HD 1080p[1]
- Everything you watch is enhanced for 4K Ultra HD viewing[1, 2]
- More brilliant color than ever with TRILUMINOS display
- Front-facing speakers with 65 watts of powerful sound[3]
- Built-in Wi-Fi® plus 1 year of Netflix and Hulu Plus™[5,13]
- Feature films in true 4K resolution only from Sony[9]
- Dynamic Edge LED backlight for amazing contrast
- Experience precise motion clarity w/ Motionflow™ XR 960
- Your smartphone screen on TV w/ NFC screen mirroring[4]
- Movies, music apps on Sony Entertainment Network[5]
- RS-232 and IR in for custom control installs
- Enjoy Full HD 3D with 4 pairs of passive glasses[6]
- SimulView™ technology presents twice the fun: 2 player games with no split screen.[7]
- TV SideView app to control your TV and channel guide[8]
- See more details in your DSLR photos (8MP+) with 4K resolution[1]

Features

Four times clearer than HD

That's right—four times clearer than Full HD 1080p[1]. Get acquainted with the highest resolution picture Sony has ever produced on a TV. With four times more resolution than Full HD, the 4K Ultra HD screen contains over 8 million individual pixels (3,840 x 2,160). Advanced picture processing ensures that every one of those pixels displays images with superb brightness and authentic detail.

Everything enhanced

Suddenly, everything looks better. Now even old movies and smartphone video clips are enhanced with stunning results. The new 4K X-Reality™ PRO chip enhances HD (or lower resolution) images by analyzing and refining images with beautifully natural detail and astounding color. The latest Reality Creation database and Super Resolution processing breathes new life into everything you see with phenomenal 4K (3,840 x 2,160) resolution[2].

More brilliant color than ever before

Spoil yourself with the widest color spectrum we've ever offered on a television. Unique to Sony, TRILUMINOS Display technology creates incredibly true, natural shades of colors— just the way you want them. Hard-to-reproduce reds, aqua blues and emerald greens are displayed beautifully, so landscapes and seascapes look more vivid. Faces look better, too, with natural skin tones. It's all thanks to a new TRILUMINOS display that gives images a heightened sense of depth.

Sound Innovation

These aren't the TV speakers you're used to. Unique to Sony TVs, Magnetic Fluid Speaker technology allows a thinner, more efficient loudspeaker that offers faithful reproduction of high-fidelity sound. The frontfacing speaker system directs sound right at you with 65 watts of power[3]. S-Force® Front Surround 3D simulates 5.1 sound, with an enlarged sweet spot that everyone in the room can enjoy.

The difference is dynamic.

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It's all about perfecting a natural look. Dynamic Edge LED backlighting with local dimming delivers pitch-black night scenes and illuminates bright scenes. Rather than illuminating the entire screen, contrast is boosted in just the right areas for a more realistic picture.

Movies in 4K Ultra HD

Get the most out of your 4K Ultra HD TV with feature films in true 4K resolution only from Sony. The 4K Media Player (sold separately) comes preloaded with 10 feature films and video shorts. Coming soon is the Sony 4K network video service offering access to a library of 4K movies and TV show titles[9] . As a special introductory offer when you are one of the first to purchase a Sony 4K Ultra HD TV (55X900A or 65X900A) you are also eligible to receive a $200 voucher toward the purchase of the 4K Ultra HD Media Player when available.

Lifelike motion.

Watch the sprinter break off the blocks and race smoothly as the camera follows him from left to right. Even quick motion seen in action movies appears amazingly realistic as Motionflow™ XR 960 technology, which takes motion clarity beyond refresh rates, smoothes out the picture where the camera can't for clearer and more natural movement.

Your smartphone, now on TV

Movies, music and apps from your smartphone can now be viewed big on your TV. With three ways to connect Android phones and tablets to the X900A, Sony is helping you add value to the entertainment you already own.

1. Using a Mobile High Definition Link cable, you can connect your smartphone to the TV to literally "mirror" what's seen on the smartphone screen. Video, photos and apps are re-sized and scaled to fit the larger TV screen. You can then use the TV remote to navigate the phone, while it's charging from the TV[11].
2. Using screen mirroring technology, you can connect phones that are Miracast™ enabled to the TV[10].
3. Using One-touch mirroring with NFC technology, briefly place your compatible Xperia™ smartphone to the onetouch remote. You'll instantly be able to view exactly what is on your smartphone's screen on the TV[4].

Go way beyond cable with builtin Wi-Fi®

Wirelessly stream beautiful, HD entertainment straight from the internet or your home network using built-in Wi-Fi® connectivity and open the door to the endless entertainment of the Sony Entertainment Network, where thousands of movies, TV shows, online videos, games and music are always at your fingertips. By connecting to the Internet you can access Full HD 1080p entertainment, 3D content and made-for-TV apps like Netflix®, Pandora®, YouTube™, Facebook® and more.[5]

Custom control installations.

RS-232C and IR-in for custom control installations.

3D immersion

There's 3D, then there's 3D with 4K (3,840 x 2,160). Life-like 3D images emerge from the 4K screen screen with realism that makes your heart race. The level of detail is absolutely stunning—it's the closest thing to a 3D theater in your living room. Light, comfortable, passive 3D glasses offer superb image quality and a noticeable step above anything you've ever experienced at home.[6]

Twice the fun: 2 player games with no split screen

Say goodbye to split screen. Now you and a friend can both experience your own big-screen
view of the action as you play nail-biting games on your PlayStation®3 system. SimulView™ gaming presents two separate full screen pictures: each player watches independently through light easy to wear optional Simulview glasses that don't need batteries.[7] There's already a growing choice of SimulView™ game titles available.

Control your TV with your smartphone or tablet

Get more from watching television with TV SideView. Control the TV or browse the channel guide with your smartphone, Xperia™ Tablet or other tablet device (Android or iOS), all without interfering with what you're watching on the TV. Learn more about the show you're watching right now, like cast and episode details. Search what's available to watch on TV, internet videos and apps like Netflix®. Once you find what you want to watch, you can select to view it on the TV. Make TV viewing more social by Tweeting about the show from your mobile device[8].

Photos are better with 4K.

See more details in your DSLR photos (8MP+) with 4K resolution (3,840 x 2,160). View, share and edit photo memories with PlayMemories Studio™ software and your PlayStation®3 system on the TV screen. Scroll effortlessly through your image collection. Pinpoint images by date and time, smiles or location. Everything's smooth and speedy, thanks to the immense processing power of the PlayStation®3 system.[10]

Life-sized video calls.

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It's like they're in the room with you. Skype® video calls bring your family and friends closer than ever as they appear as large as life on your big screen— for free.[5] Just connect the easyto- use Skype camera (sold separately) for a face-to-face look at the caller on the beauty of your Sony HDTV.

Onboard manual.

You will never lose your TV manual again. The iManual is available through the menu system on the TV – always there if you need it.

Specifications

3D Features	
3D	Passive
3D Format Support	Yes(2K-only)
3D Super-resolution	Yes
Auto 3D Depth Adjustment	Yes
Simulated 3D	Yes
Audio	
Audio Power Output	12.5W+12.5W+20W+20W
Speaker Configuration	2.2ch, Two way speaker(Tweeter(18mm) x2, Woofer(Magnetic Fluid Speaker, 80mm)x2) + Sub Woofer(70mm)x2
Speaker Position	Side
Audio Features	
5.1 Channel Audio Out	Yes
5.1ch Through Out (Handycam)	Yes
Advanced Auto Volume	Yes
Alternate Audio (Digital)	Yes
Audio Out	Fixed/Variable
Clear Phase Speaker	Yes
Dolby®	Dolby Digital, Dolby Digital Plus, Dolby Pulse
Headphone/Speaker Link	Yes
Magnetic Fluid Speaker	Yes
Signal-to-Sound Architecture	Yes
Simulated Stereo	Yes
S-Master	Yes
Sony Original Surround	S-Force Front Surround 3D
Sound Booster	Yes
Sound Enhancer	Yes

Sound Mode	Standard Cinema Sports Music Game Compressed Audio
Stereo System	MTS(AUTO SAP)
Convenience Features	
Auto Photo Mode	Yes
Auto Shut-off	Yes
BRAVIA® Sync™	Yes
Channel Block (with password)	Analog Digital
Channel Jump	Yes
Channel Surf	Yes
Edit Channel Labels	Yes
Info Banner	Yes
Input Skip	Auto
Label Inputs	Yes
Multiple Language Display	English/Spanish /French
On/Off Timer	Yes
On-Screen Clock	Yes
On-Screen Display for External Input	Yes
On-Screen Operating Instructions	Yes
Panorama	Yes (2K only)
Parental Control	Yes
Picture Adjustments Lock	Yes
Picture Frame Mode	Yes
Scene Select	Photo Music Cinema Game Graphics Sports Animation
Show/Hide Channels	Yes
Skin Naturalizer	Yes (2K only)
Sleep Timer	Yes

Twin Picture	PAP(Variable)
USB Play	Yes (USB viewer supports FAT16, FAT32, exFAT and NTFS file systems.)
USB Play (Contents)	MPEG1/ MPEG2PS/ MPEG2TS/ AVCHD/ MP4Part10/ MP4Part2/ AVI(XVID)/ AVI(MotinJpeg)/ MOV/ WMV/ MKV/ WEBM/ 3GPP/ MP3/ WMA/ WAV/ JPEG/ MPO
USB Super Multi-Format Play	Yes
Illumination LED	Yes
Sense of QUARTZ	Yes
Design Features	
Stand Design	Circle / Chrome Plating
Display Features	
Backlight Type	LED
Dimming Type	Local Dimming
Display Device	LCD
OptiContrast Panel	Yes
Triluminos Display	Yes
Display	
Aspect Ratio	16:9
Display Resolution	4K(3840x2160)
Dynamic Contrast Ratio	over 1 million
Screen Size (cm)	138.8cm
Screen Size (measured diagonally)	55"(54.6")
Viewing Angle (Right/ Left)	178(89/89)
Viewing Angle (Up/ Down)	178(89/89)
Energy Saving Efficiency	
Backlight Off Mode	Yes
Dynamic Backlight Control	Yes
General Features	
Audio Return Channel	Yes
Closed Captions (CC)	Closed Caption

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Demo Mode	Yes
Finish (Surface Color)	Black
HDMI™ InstaPort	Yes
Hotel Mode Menu	Yes
Start Up Sony Logo Display	Yes

Inputs and Outputs

AC Power Input	1(Rear)
Analog Audio Input(s) (Total)	2 (Rear)
Audio Out	1 (Side/Hybrid w/HP)
Component Video (Y/ Pb/Pr) Input(s)	1 (Rear/Hybrid)
Composite Video Input(s)	2 (1Rear/1Rear Hybrid w/ Component)
Digital Audio Output(s)	1(Rear)
Ethernet Connection(s)	1 (Vertical)
HDMI™ Connection(s) (Total)	4
HDMI™ PC Input	Yes
Headphone Output(s)	1 (Side/Hybrid w/Audio Out)
MHL	Yes
RF Connection Input(s)	1 (Bottom)
RS-232C Input(s)	1 (Side / Stereo Mini Jack)
USB 2.0	3port

Network Features

BIVL (System)	Yes
DLNA Content	MPEG1/ MPEG2PS/ MPEG2TS/ AVCHD/ MP4Part10/ MP4Part2/ AVI(XVID)/ AVI(MotinJpeg)/ MOV/ WMV/ MKV/ WEBM/ 3GPP/ MP3/ WMA/ LPCM/ JPEG/ MPO
Fast Zapping	Yes
Google TV Sync	YES(US/CA/MX)
Internet_Browser	Yes(Opera)
One-touch mirroring	Yes
Opera Apps (System)	Yes
Related Search	Yes
Screen mirroring	Yes
Seamless Streaming	Yes
Skype™	Ready
Sony Entertainment Network	Yes
Text search	Yes
TV SideView™	Yes
TV Tweet	Yes
Wi-Fi Certified	Yes
Wi-Fi Direct	Yes
Wireless LAN	Integrated
X2 Widget (System)	Yes

Power

Power Consumption (in Operation) max.	268W
Power Consumption (in Standby)	0.20W
Power Requirements (frequency)	60Hz for UL cUL 50/60Hz for other
Power Requirements (voltage)	AC 120V for UL cUL AC 110-240V for other

Regulation and Standards Compliance

VESA® Hole Spacing Compatible	Yes

Sensing Features

LightSensor™ Technology	Yes

Service and Warranty Information

Limited Warranty Term	18 months

TV System

Channel Coverage (Analog)	VHF: 2-13/UHF: 14-69/ CATV: 1-135
Channel Coverage (Digital Cable)	CATV: 1-135
Channel Coverage (Digital Terrestrial)	VHF: 2-13/UHF: 14-69
Color System	NTSC
Number of Tuners (Terrestrial/Cable)	1(Digital/Analog)
TV System (Digital Cable)	Clear QAM
TV System (Digital Terrestrial)	ATSC

Video

Video Signal	3840x2160/24p 3840x2160/25p 3840x2160/30p 4096x2160/24p 1080/24p (HDMI only) 1080/60i 1080/60p(HDMI / Component) 480/60i 480/60p 720/60p 1080/30p (HDMI only) 720/30p (HDMI only) 720/24p (HDMI only)

Video Features

24p True Cinema™ Technology	Yes
3D Comb Filter	Yes
4:3 Default	Yes
Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
CineMotion® Reverse 3:2 Pulldown Technology	Yes
Clear Mode	Yes
Deep Color	Yes
Face Area Detection	Yes (2K only)
Impulse Mode	Yes
Intelligent MPEG Noise Reduction	Yes (2K only)
Intelligent Picture Optimizer	Yes
Motionflow™ Technology	Motionflow XR 960
MPEG Noise Reduction	Yes
PhotoTV HD	Yes
Picture Mode	Vivid Standard Custom Photo-Vivid Photo-Standard Photo-Original Photo-Custom Cinema1 Cinema2 Game-Standard Game-Original Graphics Sports Animation
Portable Game Mode	Fine Normal PortableGame1 PortableGame2
Scene Optimized Energy Saving	Yes
SimulView™	Yes (TDG-SV5P required)
Super-resolution for Game Mode	Yes
Video Area Detection	Yes (2K only)
Video Processing	4K X-Reality PRO
Wide Mode	Full Normal Wide Zoom Zoom Caption Normal/Full1/Full2 for PC

Weights and Measurements

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Dimensions (Approx.)	TV only: 57 5/8 x 29 1/2 x 4(2 3/8) in (1463 x 749 x 100.6 mm) TV with stand: 57 5/8 x 30 3/4 x 16 in (1463 x 778 x 405 mm)
Packaging (Approx.)	Carton Weight: 88.2 lbs (40.0 kg) Carton Dimensions: 69 1/2 x 33 1/2 x 8 3/4 in (1755 x 849 x 222 mm)

Weight (Approx.)	TV only: 73.0 lbs (33.1 kg) TV with stand: 76.0 lbs (34.5 kg)

Supplied Accessories	
3D Glasses	TDG-500P x4
AC Power Cord	US 2Pin (w Polarity), Pig-tail
Batteries	LR03+R03
One-touch Remote Control	RMF-YD001
Operating Instructions	US
Remote Control	RM-YD087

Screws	Yes
Table Top Stand	Separate (assembly required)

Optional Accessories	
Optional Accessories	CMU-BR200

1. Actual panel resolution of XBR- X900A 4K Ultra HD TV is 3,840 x 2,160 pixels (in 16:9 aspect ratio). HDTVs have a panel resolution of 1,920 x 1080 pixels.

2. Simulated 4K image will vary based on source content.

3. 65 Watts total power (20+20+12.5+12.5)

4. Requires compatible Near Field Communication (NFC)-enabled Xperia™ smartphone. Certain formats are not supported. The video quality may be degraded due to environmental interference.

5. Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees. Wireless connectivity requires 802.11 home network (802.11n recommended). Skype requires CMU-BR100 or CMU-BR200 camera sold sep. Subject to Skype's terms and conditions.

6. Requires 3D content, 3D player and HDMI® cable (at least 10.2 Gbps) sold sep.

7. PS3 system and SimulView™ glasses sold sep.

8. Requires devices connected to the same wireless home network.

9. Ethernet connection required. Fees may apply for 4K networked video service.

10. Requires PS3 system, PlayMemories Studio™ software and HDMI® cable (at least 10.2 Gbps) sold sep.

11. Requires Mobile High Definition Link-compatible smartphone to be connected to the TV with a Mobile High Definition Link cable, sold separately.

12. Requires smartphone with Wi-Fi® certified Miracast™ technology. Certain formats are not supported. The video quality may be degraded due to environmental interference.

13. Purchase by 9/28/2013 and redeem by 10/31/13. Consumers who purchase a qualifying new 2013 Sony BRAVIA TV will receive a 12 month subscription to Netflix Unlimited Streaming service and Hulu Plus service on the $7.99/month plans. New, existing and past Netflix subscribers are eligible for the Netflix offer. Credit card is required to redeem the Hulu Plus offer and is open only to new subscribers.

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